18 VOLT SYSTEM

50% MORE POWER THAN 12 VOLTS

INSTRUCTION MANUAL

IMPORTANT!
Read completely before attempting to ride

MINIMOTO™

SPORT RACER

Please read this manual and save it with your original sales receipt.

Tools needed (but not included): **Two Adjustable Wrenches, Pliers, Philips Screwdriver, and Safety Scissors.**

Tools needed for assembly (included): **Three Allen Keys, Valve Connector, and one Detachable Screwdriver.**

Use only with provided: **One 18 Volt Lead-Acid Rechargeable Battery, two 30A spare fuses, three Ignition Keys and one Battery Charger – all included.**

***Protective equipment not included**

TOY QUEST®

SKU#01846

MINIMOTO SPORT RACER™

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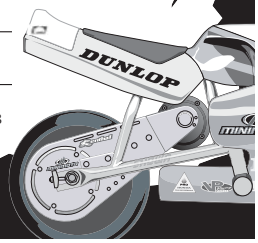


MINIMOTO SPORT RACER™
Owner's manual and safety instructions

Carefully read this manual completely before operating your electric MINIMOTO SPORT RACER™. Keep this manual in a safe place for future reference. Be sure you thoroughly understand how to operate the components of your MINIMOTO SPORT RACER™.

NOTE: Throughout this manual there are many "WARNINGS". Be sure to read and understand all of these "WARNINGS". Please pay extremely close attention to these areas as serious injury or even death may result in failing to do so.

IMPORTANT!!! Before we begin:

Like any two-wheeled vehicle, riding the MINIMOTO SPORT RACER™ can be extremely hazardous. It is your responsibility to follow this manual for the proper set up, inspection, riding procedure, rules of riding and the protective gear required to reduce the risk of serious injury.

The age recommendation is only an estimate. If the rider is too small, too large, or too old to comfortably fit on the MINIMOTO SPORT RACER™, he/she should not attempt to ride it. The MINIMOTO SPORT RACER™ is not designed for or intended to be used by anyone over the age of 14.

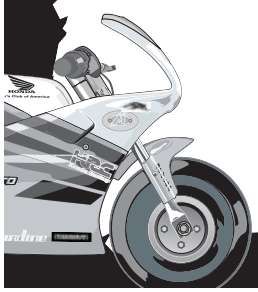
Keep away from small children.

FOR WEBSITE INFORMATION

OR REGISTRATION AND CUSTOMER

SERVICE GO TO

www.teamminimoto.com



WARNINGS:

This product is meant for outdoor use only and only on private property. Never ride your MINIMOTO™ on sidewalks, public streets, alleys, or other public roads or thoroughfares. It must never be ridden in any area that could potentially do harm to humans, animals, or someone's property.

Never ride around the vicinity of small children who may enter your path.

Special notes for supervising adults of the rider:

1) The decision to allow a rider to ride the MINIMOTO SPORT RACER™ must be done with the permission of a directly supervising adult. The directly supervising adult must read and follow all of the contents of the owners manual before making this decision.

2) The rider must have previous experience in riding two-wheeled vehicles without training wheels before attempting to ride the MINIMOTO SPORT RACER™. It is the responsibility of the supervising adult to ensure the rider has the specific talent, physical ability, and training before allowing him/her to ride the bike.

3) The MINIMOTO SPORT RACER™ is never to be ridden indoors. Indoor flooring and carpets can be damaged from abrasive contact with the tires. The manufacturer will not be responsible for any indoor damage if the MINIMOTO SPORT RACER™ is used in this manner.

4) The MINIMOTO SPORT RACER™ is designed to run on clean, flat, dry, and generally hard surfaces by children over 8 years of age. It should never be used on gravel or grass.

5) The rider of a MINIMOTO SPORT RACER™ should always wear appropriate footwear. Open-toed shoes should never be allowed. Keep shoe laces and pant legs away and clear of the wheels.

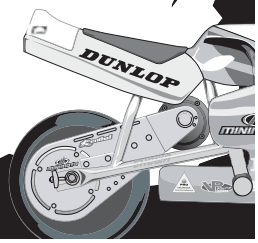
6) The rider must wear a safety helmet, elbow pads and kneepads to avoid injury from falling. Failure to wear a standard, approved helmet may result in serious personal injury or death.

7) The MINIMOTO SPORT RACER™ is never to be ridden by more than one person at a time. In addition, it is not designed to pull or tow anything behind it, as it may result in serious damage to the motor or internal parts. Do not exceed the maximum capacity of 175 lbs (80 kg).

8) The MINIMOTO SPORT RACER™ cannot be used on wet surfaces or in wet weather. Never immerse any part of the MINIMOTO SPORT RACER™ in water. Moisture can damage the motor, switches, and drive components.

9) The MINIMOTO SPORT RACER™ should never be ridden in mud, puddles, water, ice, or on slick surfaces.

10) The electric motor can become hot when in use. Do not touch it at anytime and handle it carefully.



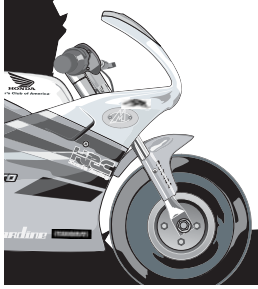
WARNINGS: (Cond't)

11) Do not carry additional passengers on your MINIMOTO SPORT RACER™.

12) Never use your MINIMOTO SPORT RACER™ while using personal radios or headphones.

13) Do not use MINIMOTO SPORT RACER™ for stunt riding, ramp jumping, acrobatics or similar activities.

14) Never inflate the tires beyond 30 psi. Inflation of the tires should be handled by adults only. Serious injury or death may result from over inflation of the tires. Avoid filling the tires at gas stations. The greater pressure of gas station pumps makes blowouts possible. This may result in serious injury or death. Never use non-Minimoto parts.



WARNINGS: (Cond't)

15) If there is any problem or question with the MINIMOTO SPORT RACER™, please contact the minimoto service center by calling the toll free number:

1-800-434-6178

between the hours of 8 am to 4 pm EST, Monday through Friday (excluding holidays).

or by email:

customerservice@teamminimoto.com

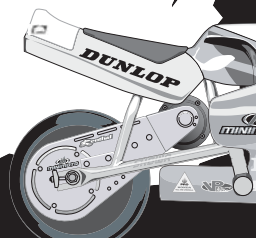
Do not return the product to the store. Contact the Minimoto Service Center. Authorized service is only available through the official Minimoto Service Center. Spare tires, inner tubes, battery, and replacement parts can be obtained through the Minimoto Service Center.

16) SB 1918 (CALIFORNIA) declaration:

Your insurance policies may not provide coverage for accidents involving the use of this product. To determine if coverage is provided, contact your insurance company or agent.

Service Center Address:

Toy Quest
c/o Minimoto Service Center
1800 N. 9th Street
Indianola, Iowa 50125



ELECTRICAL HAZARD: WARNING

CAUTION!

THIS IS AN ELECTRICALLY OPERATED PRODUCT AND SHOULD BE OPERATED WITH CARE. KEEP AWAY FROM SMALL CHILDREN.

BEFORE RIDING, ALWAYS MAKE SURE THAT THE BATTERY RETAINER IS FIRMLY IN PLACE AND HOLDING THE BATTERY SECURELY.

PREVENTING A FIRE:

a) Never modify the electrical system or battery charger. Modifications of these systems can result in fire, serious injury and damage to the electrical components.

b) To avoid damaging the battery, do not use the charger if it has been struck, dropped or damaged in any way.

c) Do not expose the battery to high temperatures as this may cause the battery to explode.

d) Never allow the battery charger to become wet, and never place it in water.

e) Use of the wrong type of battery or charger could cause a fire or explosion resulting in serious injury.

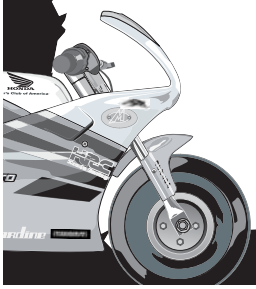
f) Never use Minimoto™ parts, battery, or components in any other products or vehicles other than the MINIMOTO SPORT RACER™. Replacing or substituting parts with other vehicles can result in overheating, fire, or explosion. Only use Minimoto™ parts, battery or components in the MINIMOTO SPORT RACER™ because using or substituting other parts can result in overheating, fire, explosion or mechanical breakdown.

g) The battery is to be handled by ADULTS ONLY. The battery is heavy and contains a lead-acid electrolyte. Dropping the battery can result in serious injury.

h) Never allow children to recharge the battery. Charging the battery must be done by ADULTS ONLY. A child could be injured when involved in the operations of battery charging or use of electrical devices.

i) Make sure that all battery contacts or connectors are clean and free of excessive wear or damage whenever the battery is charged. If ANY damage is detected, DO NOT USE the charger or battery until you have replaced the worn or damaged part.

j) Always remove the Key when your Minimoto™ is not in use to ensure the power is off. Prevent any unauthorized riders from attempting to ride the bike.



VEHICLE ASSEMBLY AND SET UP:

CAUTION: The included tools to set up and charge the MINIMOTO SPORT RACER™ should be used by an ADULT ONLY. The package contains some small parts. Keep away from small children.

1) Completely remove the MINIMOTO SPORT RACER™ from the package. Position it upright and support it by moving the kick stand to the lower position **(Fig 1)**.

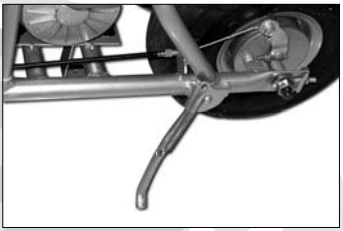


Fig 1

2) Find and identify the following tools. **(Fig 2)**

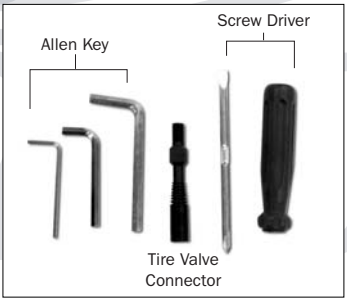


Fig 2

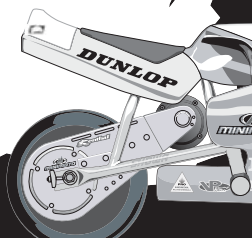
3) Rotate the two handlebars into position **(Fig 3)**. **NOTE:** Rotate the handlebars inward or outward to adjust the size and driving position. Moving them outward will give you more room between your knees and your hands.

Fig 3

4) FIRMLY TIGHTEN the handlebars using the tool as shown **(Fig 4)**.

WARNING: The handlebars must not be able to move when riding! ALWAYS test the handlebars before riding to make sure they will not slip, rotate, or be forced from their desired position. If the handlebars move when riding, it is possible to loose control and fall.

Fig 4



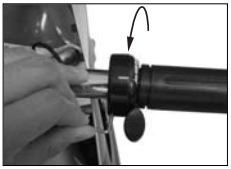


Fig 5

OFF Position

ON (Full Speed) Position

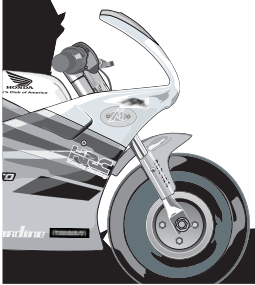
Fig 6

5) Adjust the throttle by rotating the lever into a comfortable position (Fig 5). Use the Allen Key to release the screw. Once the throttle is correctly adjusted (Fig 6), fasten the screw back on using the Allen Key.

6) Unscrew the fuse cap (Fig 7), and place the fuse in the holder. And tighten the cap.

Fig 7

7) Replace the Seat and tighten the two screws.



BRAKE ADJUSTMENT:

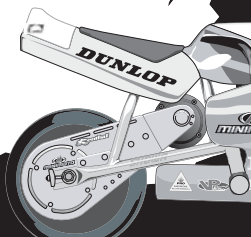
IMPORTANT! You must adjust the hand brake before attempting a ride on your MINIMOTO SPORT RACER™.

Brakes may need to be adjusted over time. Minor brake adjustments can be obtained by tightening or loosening the brake adjustment located next to the hand brake **(Fig 8)**. Start the motor and try the brake to see if it works properly before riding.

Fig 8

Fig 9

If brakes need more drastic adjustments, use a wrench to loosen the nut that secures the brake cable to the rear wheel **(Fig 9)**. When the nut is loosened, pull the brake cable tight until there is no slack in the cable and retighten the nut.

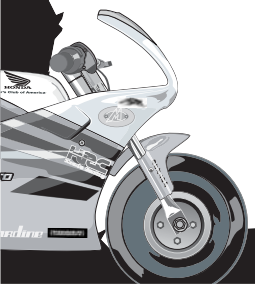


BATTERY CHARGING INFORMATION:

IMPORTANT: The new battery provided in the MINIMOTO SPORT RACER™ MUST BE charged for at least 12 hours before using for the first time.

The charger MUST be used only in a clean, dry area. In addition:

- Battery charging must be done by ADULTS only.
- The battery must be upright when charging.
- The charger is not a toy.
- Do not short-circuit the battery.
- Do not charge the battery on any delicate surfaces (such as a counter top).
- Only use the provided charger to charge the battery.
- Only use a MINIMOTO SPORT RACER™ battery or battery when operating.
- Remove old or dead battery from the MINIMOTO SPORT RACER™ if they do not accept a charge.
- N ever use the charger in an enclosed space. Always ensure adequate ventilation.
- N ever cover the electric mini bike or the charger during charging.
- Should anything abnormal happen to the electric mini bike or charger, switch off the main supply immediately and contact your dealer.



STEPS TO CHARGE BATTERY:

1) Open the protective cover of the charger receptacle and plug the charger into the port **(Fig 10)**.

Fig 10

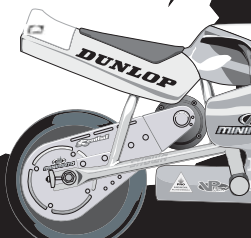
2) Plug the other end of the charger into a standard 120 Volt electrical outlet.
NOTE: When properly charging, the Red indicator light on the charger will be ON. You may hear a clicking sound and see the red and green lights flash on and off on the charger. THIS IS NORMAL. MAKE SURE THAT ANY SWITCHES CONNECTING THE ELECTRICAL OUTLET ARE SET TO THE ON POSITION.

3) Before using the MINIMOTO SPORT RACER™ for the first time, charge the battery for at least 12 hours. Never charge the battery for more than 30 hours.
NOTE: When the battery is fully charged, the RED light will be off and the GREEN indicator light on the charger will be ON.

4) It is recommended that you always recharge the battery for a period of 8 hours. However, 80% of the power will be charged into the battery in 4 hours. It is possible to use the MINIMOTO SPORT RACER™ after this period, but the total running time will be reduced.

Battery charger specifications for US standard:

1. INPUT:	AC120V 60Hz
2. OUTPUT:	DC18.0V 1500mA
3. POLARITY:	⊕—C—⊖

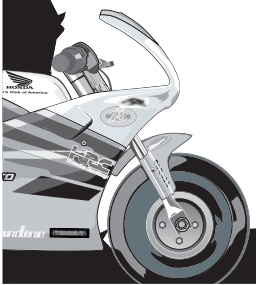


BATTERY CARE:

If a battery appears to be leaking, avoid contact with the leaking materials. Place the battery in a plastic bag.

WARNING: This liquid and contents of the battery are highly acidic. Wash your hands immediately and thoroughly for a minimum of 15 minutes. Do not touch your face or eyes. If acid is internally ingested, IMMEDIATELY eat or drink water, milk, egg whites, or milk of magnesia. Never give emetics or induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

- Use ONLY a MINIMOTO SPORT RACER™ battery or battery.
- N ever charge the battery for more than 30 hours.
- Charge the battery after each use.
- A void running the battery down completely as this will greatly shorten their useable life.
- N ever leave the battery in an uncharged condition. This will permanently damage it and prevent it from being able to hold any charge.
- Disconnect the battery from the wiring if the MINIMOTO SPORT RACER™ is to be stored more than 2 months.
- Do not store the battery in temperatures above 75 degrees F or lower than –10 degrees F.
- Check to make sure the battery are securely in place before riding the bike. Tighten the battery retainer if necessary.



RIDING RULES:

DIRECT ADULT SUPERVISION IS REQUIRED WHEN RIDING.

Adults should teach the appropriate safety rules and methods before allowing anyone to ride the MINIMOTO SPORT RACER™. The rules should be reviewed with any child in the vicinity that may want to ride the mini-bike.

1) The following areas are to be avoided when riding the MINIMOTO SPORT RACER™:

a. Cars or traffic

b. Streets or alleys

c. Steps or steep inclines

d. Swimming pools, puddles, ice, or bodies of water

e. Any area that could potentially cause harm to humans, animals, or property. Ride only in areas where permission has been granted.

2) Do not use on roads or public streets, as this is illegal and dangerous.

3) Never ride the MINIMOTO SPORT RACER™ at night.

4) Never ride with more than one rider. Maximum allowable weight of the rider should not exceed 175 lbs (80 kg).

5) Always wear appropriate shoes, clothing, and protective gear. Protective gear includes the use of a helmet, knee pads, and elbow pads (not included).

6) Always check to see that the kick stand is in the up position before starting to ride. Leaving the kick stand in the down position can cause the rider to fall while riding.

7) Do not use THE MINIMOTO SPORT RACER™ for jumping, stunts or tricks. This product has not been designed for such use.

8) Do not touch the motor or wheels while they are rotating.

9) Keep hands, face, feet and hair away from all moving parts.

10) Do not ride down or across steep inclines. The MINIMOTO SPORT RACER™, just like a bicycle, can reach unsafe speeds, lose traction, or slip and tip over. Ride on level ground.

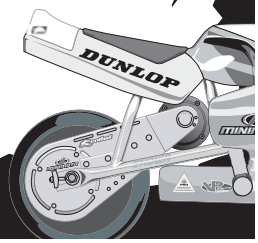
11) Never ride near flammable liquids or vapors such as gasoline, acetone or paint thinner. Keep all flammable materials away from the MINIMOTO SPORT RACER™.

12) Never wear headphones or use a cell phone when operating.

13) Ride defensively. Remember that others around you may not see you or may be too involved in their own actions to move out of your way.

14) Learn about and observe your local laws regarding bicycle use.

15) Riders must be over the age of 8. Keep away from small children.



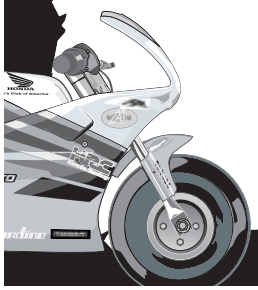
PRE-RIDE CHECKLIST:

Your MINIMOTO SPORT RACER™ is just like any vehicle. It requires routine maintenance, service, and inspection to operate reliably and safely. Every item on the following list must be performed before each ride.

- Look over the entire unit to ensure that there are no visible problems with the MINIMOTO SPORT RACER™.
- Check that the handlebar nuts are tight.
- Check the tires, ensuring there are no cuts or exposed cords, and that the tires are not deflated.
- Check that all cables and wires are not frayed, cut or broken.
- Check that the brake lever is tight on the handlebar.
- Pull the brake lever to make sure that:

  1. The brake releases automatically.

  2. The brake holds the electric mini bike from being pushed forward.
- Check that the throttle is tight on the handlebar.
- Check that all 4 axle nuts are tight.



RIDING YOUR MINIMOTO SPORT RACER™:

Fig 11

Fig 12

Fig 13

Fig 14

NOTE: It will take a little practice to get used to riding. Take it slowly and start in a location that is very open and away from obstacles or obstructions.

1) Move the foot pegs to the down position. **(Fig 11)**

2) Hold onto the handlebars and move the kickstand up **(Fig 12)**.

3) Carefully sit on the seat with your feet supporting you and the bike **(Fig 13)**.

4) Place the key in the lock and turn it to the ON position **(Fig 14)**.

5) Using the thumb of your right hand, QUICKLY move the throttle control lever all the way down **(Fig 15)** WHILE AT THE SAME TIME lifting your feet up from the ground **(Fig 16)**. **NOTE:** Keeping your feet on the ground too long while trying to accelerate may cause the fuse to blow.

6) When you have achieved enough speed to control your balance, place your feet on the foot pegs **(Fig 17)**.

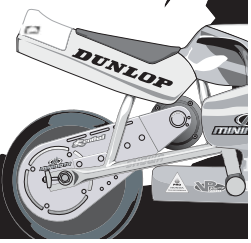
Fig 15

Fig 16

Fig 17

7) Lift the throttle control lever to adjust the desired speed. Squeeze the brake lever to apply the brake as necessary.

8) BE CAREFUL: The MINIMOTO SPORT RACER™ can reach speeds up to 10 MPH on a level surface (depending on the surface terrain and the weight of the rider).



SPECIAL SAFETY WARNINGS:

1) When accelerating please ensure that you start slowly & carefully. Do not push away for a quick start.

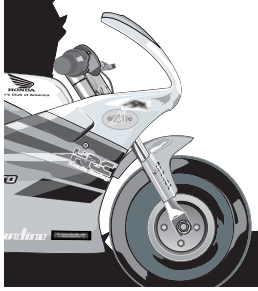
2) The brakes are designed to control speed as well as stop the vehicle. Practice braking for slow-down and smooth stopping.

3) Never operate the throttle control when the wheels are off the ground or the mini-bike is in an upside down position.

PERIODIC BRAKE ADJUSTMENT:

As the brakes are used, they may require an occasional adjustment to keep them at peak performance. To do this, adjust the hand brake by turning the screw nut (Fig 18) of the hand brake. Start the motor and try the brake to see if it works properly before riding.

Fig 18



TIRE INFLATION PROCEDURE:

WARNING: Tire inflation must be done ONLY BY AN ADULT. NEVER inflate the tires above 30 PSI. Tires should be inflated with a standard “bicycle” type pump. Inflation at an Automobile service station can easily result in over inflation of the tires. **Over inflation of the tires can result in serious injury or even death.**

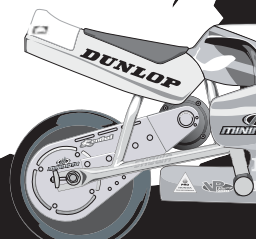
Before inflating any tire, make sure the key is removed from the lock.

To inflate the front tire, unscrew the protective cap from the valve stem and attach the bicycle pump as you would with any bicycle.

To inflate the rear tires, remove the stem cover on the chain guard by unscrewing it with a coin. Rotate the rear wheel in a reverse direction until the openings are aligned. The rear wheel should be in view when looking through the chain guard **(Fig 19)**. Now rotate the tire in a forward direction until the stem is aligned and in view through the chain guard. Screw the Tire Valve Connector (included in the tool kit) to extend the tire valve through the chain guard **(Fig 20)**. Attach the bicycle pump and inflate. **IMPORTANT!** Replace the stem cover when finished.

Fig 19

Fig 20



TIRE REPAIR:

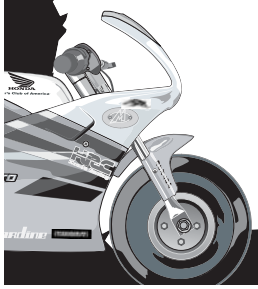
In the event that a tire should consistently loose air pressure, the tires can be repaired at a local bicycle repair shop. The tires have an inner tube construction.

Warning! Inspect both tires regularly.

1) If the tire tread depth is worn to the point where the grooves are difficult to see, replace the tire(s) immediately.

2) If tire tread shows uneven wear, check the axle to make sure the wheel is loaded evenly and correctly. Uneven wear may be a sign of uneven loading.

3) If the rims (wheels) are bent or cracked, they must be replaced.



REPLACING THE FUSE:

If the fuse is blown, the MINIMOTO SPORT RACER™ will completely shut down. Unscrew the fuse cap and inspect the fuse to see if it is broken **(Fig 20)**. A replacement fuse can be found at any local automotive parts store. The type of the fuse is 30A. DO NOT ATTEMPT to use a larger Amperage fuse than specified as this may result in the burning of the electrical circuits.

Fig 20

IF YOU LOSE THE KEYS:

Take your MINIMOTO SPORT RACER™ to a local Locksmith. For a charge, they will be able to create a new key. This is the fastest way to get rolling again. **NOTE:** Keys can be obtained by contacting the Minimoto Service Center. You can also have your key duplicated at any Key Shop or kiosk. It is a good idea to store an extra key in a safe place.